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PATENT  
Attorney Docket No.: 20174C-001140US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephen R. Quake et al.

Application No.: 10/801,361

Filed: March 15, 2004

For: INTEGRATED ACTIVE FLUX  
MICROFLUIDIC DEVICES AND  
METHODS

Customer No.: 20350

Confirmation No. 3231

Examiner: Timothy G. Kingan

Art Unit: 1797

AMENDMENT IN RESPONSE TO  
NOTICE TO FILE CORRECTED  
APPLICATION PAPERS

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

Pursuant to the Notice to File Corrected Application Papers, dated September 18, 2009, enclosed are the following to be made of record in the above-identified application:

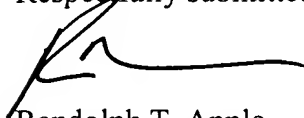
Twenty-Two (22) sheets of replacement drawings – Figs. 1-23F.

Please replace the drawings submitted at the time the application was filed with the enclosed set. Applicant submits that the replacement sheets do not introduce any new matter. The enclosed drawings are the best quality drawings available.

It is believed that no fees are required for this submission. However, if it is determined that any fees are due, please charge the required fees to Deposit Account No. 20-1430.

PATENT

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Randolph T. Apple', written over a horizontal line.

Randolph T. Apple  
Reg. No. 36,429

Date: October 13, 2009

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